

REMARKS

This Preliminary Amendment is made to eliminate multiple claim dependency.
Examination on the merits of the application is requested. A marked up version showing the
changes made to the claims is attached.

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Respectfully submitted,

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VERSION WITH THE MARKING TO SHOW CHANGES MADE

Claim 5 (amended) A reluctance electric machine according to [any of claims 2 to 4] claim 2, characterized in that there are provided several coolant supply means and several coolant discharge means for the enclosure.

Claim 6 (amended) A reluctance electric machine according to [any of claims 1 to 5] claim 1, characterized in that the stator teeth (12) have internal flow passages (34) for the cooling medium.

Claim 7 (amended) A reluctance electric machine according to any of [claims 1 to 6] claim 1, characterized in that, with respect to the axis of rotation of the electric machine (2), the stator part (4) is arranged farther radially inside and the rotor part (6) with its rotor poles (20) is arranged farther radially outside.

Claim 8 (amended) A reluctance electric machine according to [any of claims 1 to 6] claim 1, characterized in that, with respect to the axis of rotation of the electric machine, the stator part with its stator teeth is arranged farther radially outside and the rotor part is arranged farther radially inside.

Claim 9 (amended) A reluctance electric machine according to [any of claims 1 to 8]claim 1, characterized in that the stator part (4), on the side directed away from the rotor part (6), has a design (42) for increasing the heat dissipation.

Claim 10 (amended) A reluctance electric machine according to [any of claims 1 to 9] claim 1, characterized in that the coil windings (24), in the winding head portions (38) located on the face side of the stator teeth (12), are formed with flow passages for the cooling medium that are left free between coil winding conductors.

Claim 11 (amended) A reluctance electric machine according to [any of claims 1-10] claims 1, characterized in that the coil windings (24) of the stator part (4) are designed as individual coils that are not interlinked with respect to the magnetic flux.

Claim 12 (amended) A reluctance electric machine according to [any of claims 1 to 11] claim 1, characterized in that a first, internal cooling circuit for circulating the cooling medium and a second, external cooling circuit for circulating another cooling medium are provided, the latter being connected to the internal cooling circuit via a heat exchanger.

Claim 14 (amended) A reluctance electric machine according to [claim 12 or 13] claim 12, characterized in that the internal cooling circuit and the heat exchanger are integrated in terms of space on the reluctance electric machine.

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